

Made to Order Specifications: Solid State Auto Switch



Refer to SMC website for the details of the products conforming to the international standards.

1 With Pre-wired Connector

- Eliminates the harnessing work by cable with connector specifications
- Adopts global standardized connector (IEC947-5-2)
- IP67 construction



How to Order

D-M9N S A PC

Solid state auto switch
Standard part no.

* For the applicable auto switch model, refer to the table below.

Cable length

S	0.5 m
M	1.0 m
L	3.0 m

Note) L is available for the D-P4DW type only.

Connector model

A	M8-3 pin
B	M8-4 pin
D	M12-4 pin

Note) Type D is available for the D-P4DW type only.

Connector Specifications

Connector model	M8-3 pin	M8-4 pin	M12-4 pin
Pin arrangement			
Conformed standard	JIS C 4524, JIS C 4525, IEC 947-5-2, NECA 0402		
Impact resistance	300 m/s ²		
Enclosure	IP-67 (IEC60529 standard)		
Insulation resistance	100 MΩ or more at 500 VDC Mega		
Withstand voltage	1500 VAC 1 minute (between contacts), Leak current 1 mA or less		

Applicable Auto Switch

Mounting	Function	Electrical entry	Applicable model	Lead wire length (m)		
				0.5	1.0	3.0
Rail mounting style	—	Grommet (In-line)	F79, F7P, J79	●	●	—
	—	Grommet (Perpendicular)	F7NV, F7PV, F7BV	●	●	—
	2-color indication	Grommet (In-line)	F79W, F7PW, J79W	●	●	—
	—	Grommet (Perpendicular)	F7NWX, F7BWX	●	●	—
	With diagnostic output	Grommet (In-line)	F79F	●	●	—
	Water resistant	Grommet (Perpendicular)	F7BA	●	●	—
	With timer	—	F7NT	●	●	—
Band mounting style	—	—	P4DW	●	●	●
	—	—	H7A1, H7A2, H7B	●	●	—
	—	—	G59, G5P, K59	●	●	—
	2-color indication	—	H7NW, H7PW, H7BW	●	●	—
	—	—	G59W, G5PW, K59W	●	●	—
	Diagnostic output	Grommet (In-line)	H7NF, G59F	●	●	—
	Water resistant	—	H7BA, G5BA	●	●	—
Tie-rod mounting style	—	—	G5NT	●	●	—
	—	—	G5NB	●	●	—
	—	—	F59, F5P, J59	●	●	—
	2-color indication	—	F59W, F5PW, J59W	●	●	—
	Diagnostic output	—	F59F	●	●	—
	Water resistant	—	F5BA	●	●	—
	With timer	—	F5NT	●	●	—

Mounting	Function	Electrical entry	Applicable model	Lead wire length (m)		
				0.5	1.0	3.0
Direct mounting style	—	Grommet (In-line)	Y59A, Y7P, Y59B	●	●	—
		Grommet (Perpendicular)	Y69A, Y7PV, Y69B	●	●	—
		Grommet (In-line)	M9N, M9P, M9B	●	●	—
		Grommet (Perpendicular)	M9NV, M9PV, M9BV	●	●	—
		Grommet (In-line)	F8N, F8P, F8B	●	●	—
		Grommet (In-line)	F6N, F6P, F6B	●	●	—
	Normally closed	Grommet (In-line)	Y7G, Y7H	●	●	—
	—	—	F9G, F9H	●	●	—
	2-color indication	Grommet (In-line)	Y7NW, Y7PW, Y7BW	●	●	—
	—	Grommet (Perpendicular)	Y7NWX, Y7PWV, Y7BWX	●	●	—
Rotary actuator	Water resistant	Grommet (In-line)	M9NW, M9PW, M9BW	●	●	—
		Grommet (Perpendicular)	M9NWX, M9PWV, M9BWX	●	●	—
		—	Y7BA	●	●	—
		Grommet (In-line)	M9NA, M9PA, M9BA	●	●	—
		Grommet (Perpendicular)	M9NAV, M9PAV, M9BAV	●	●	—
		—	S791/2, S7P1/2, T791/2	●	●	—
	—	Grommet (In-line)	S991/2, S9P1/2, T991/2	●	●	—
		Grommet (Perpendicular)	S99V1/2, T99V1/2	●	●	—
		—	S791/2, S7P1/2, T791/2	●	●	—
		—	S991/2, S9P1/2, T991/2	●	●	—